

EXECUTIVE OFFICER SUMMARY REPORT  
February 11, 2004

ITEM: 9

SUBJECT: REVISION OF WASTE DISCHARGE REQUIREMENTS:  
OTAY LANDFILL INC./ALLIED WASTE INDUSTRIES,  
WASTE DISCHARGE REQUIREMENTS FOR THE OTAY  
ANNEX LANDFILL, SAN DIEGO COUNTY (TENTATIVE  
ADDENDUM NO. 4 TO ORDER NO. 90-09) (Brian McDaniel)

PURPOSE: To amend Order 90-09 and addenda thereto, providing waste  
discharge requirements for the use of Alternative Daily Cover  
(ADC) materials at the Otay Annex Landfill (see Attachment Nos.  
1 and 2 to this EOSR).

PUBLIC NOTICE: A notice of Public Hearing was published in the San Diego Union  
Tribune on December 27, 2003 (see Attachment No. 5 to this  
EOSR). This action satisfies the 45-day public notification of this  
action, as required by CCR Title 27 Section 21730 (b).

DISCUSSION: Alternative Daily Cover ("ADC") is defined under CCR Title 27,  
Section 20164 as cover material other than at least six inches of  
earthen material, placed on the surface of the active face of a  
landfill at the end of each operating day to control vectors, fires,  
odors, blowing litter, and scavenging. The specific requirements  
and limitations for ADC materials are indicated in California Code  
of Regulations (CCR) Title 27, Section 20690 *et seq.* The uses of  
processed green material, and treated sludge or treated sludge  
derived materials (or "biosolids") in ADC are specifically allowed  
by Section 20690(b)(3) and § 20690(b)(4) (see Attachment No. 3  
to this EOSR). Generally, materials used as ADC must be applied  
in such a manner so as not to allow gaps in the exposed landfill  
face and meet applicable waste classification, composition, and  
liquid percolation requirements of cover materials established by  
CCR Title 27, Section 20705 (see Attachment No. 3 to this EOSR).

The Public Resources Code (PRC) Section 41781.3 requires all  
cities and counties to divert 50 percent of all solid waste on and  
after January 1, 2000, through source reduction, recycling, and  
composting activities. The use of ADC is not recorded as disposal  
with respect to restrictions on solid waste disposal. Public  
Resources Code (PRC) Section 41781.3 establishes that the use of

ADC is counted as diversion through recycling (see Attachment No. 4 to this EOSR).

The Otay Landfill is regulated pursuant to Waste Discharge Requirements (WDRs) issued by the Regional Board. Currently, the facility provides biosolids disposal services for the City of San Diego and other municipalities in the San Diego metropolitan area.

On October 2002, San Diego Landfill Systems – Allied Waste Industries Inc. (the “discharger”) provided the Regional Board with a technical report entitled “Demonstration Project Final Report – Biosolids/ Soil and Biosolids / Green Waste Mixtures used as Alternative Daily Cover – Otay Landfill, Chula Vista, California”. The discharger identified a need to conserve disposal capacity and on-site soil resources by maximizing the use of ADC materials, comprised of a mixture of biosolids, green-waste, and/or soils. The report concluded that sludge derived materials are an acceptable ADC material for use at the Otay Landfill. In addition, the report included a request to amend the existing Waste Discharge Requirements (Order 90-09 and addenda thereto) to allow the use of the proposed ADC materials.

LEGAL CONCERNS: None

SUPPORTING  
DOCUMENTS: Attachment 1: Site Map  
Attachment 2: Tentative Addendum No. 4 to Order 90-09  
Attachment 3. State Regulatory References – CCR Title 27  
Attachment 4. Public Resources Code  
Attachment 5. Public Notification

SIGNIFICANT  
CHANGES: None.

RECOMMENDATION: Regional Board staff recommends the adoption of tentative Addendum No. 4 to Order 90-09.